





DATE	REVISION	BY		
			<h2>Presentation to SFH Project Managers</h2>	
			DATE: 2/18/03	
			CHIEF ARCHITECT: <i>Richard Burk</i>	
				

ENTERPRISE ARCHITECTURE PRACTICE
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Case Study: Single Family Housing

- ❑ Deemed a high priority because of high maintenance costs and poor field office support.

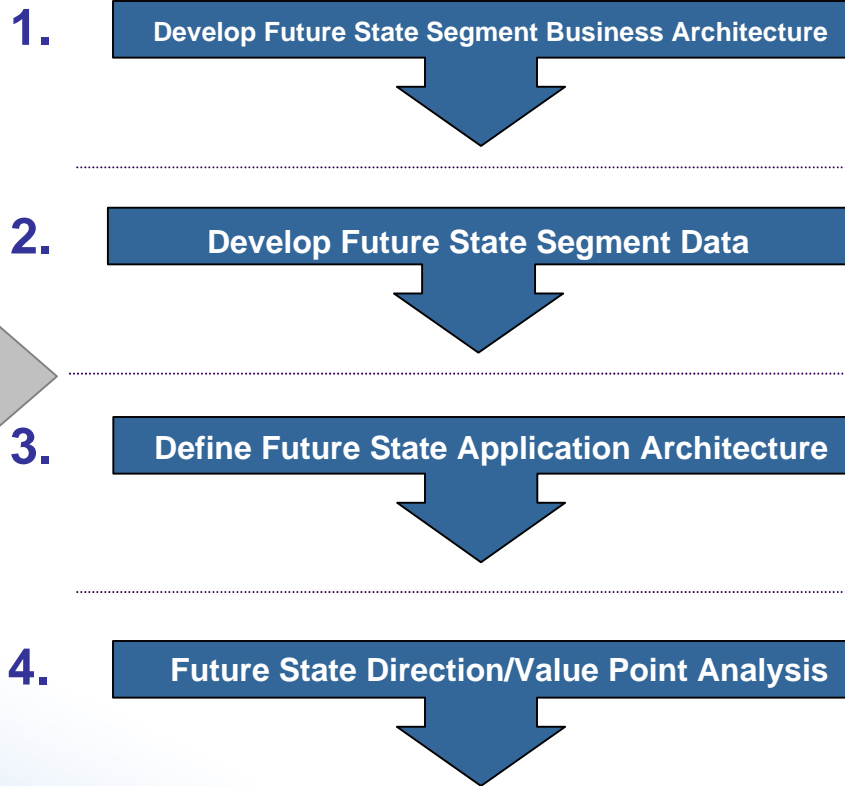
DATE	REVISION	BY	OFFICE OF SINGLE FAMILY HOUSING TARGET ARCHITECTURE DEVELOPMENT	ENTERPRISE ARCHITECTURE PRACTICE 202-705-1871, ea_team_support@hud.gov
9/13/03	QC/QC CONTRACTS	ETH		
			NEXT REVISION: TBD	
			AUTHOR: Single Family Housing (SEH) & QC/QC	
				

Blueprint Definition Process Model

Process Inputs

Baseline Analysis/Capabilities Analysis/IT Strategy
OMB/GAO Guidance/Standards/TRM

Process Steps



IMPLEMENT

Process Activity

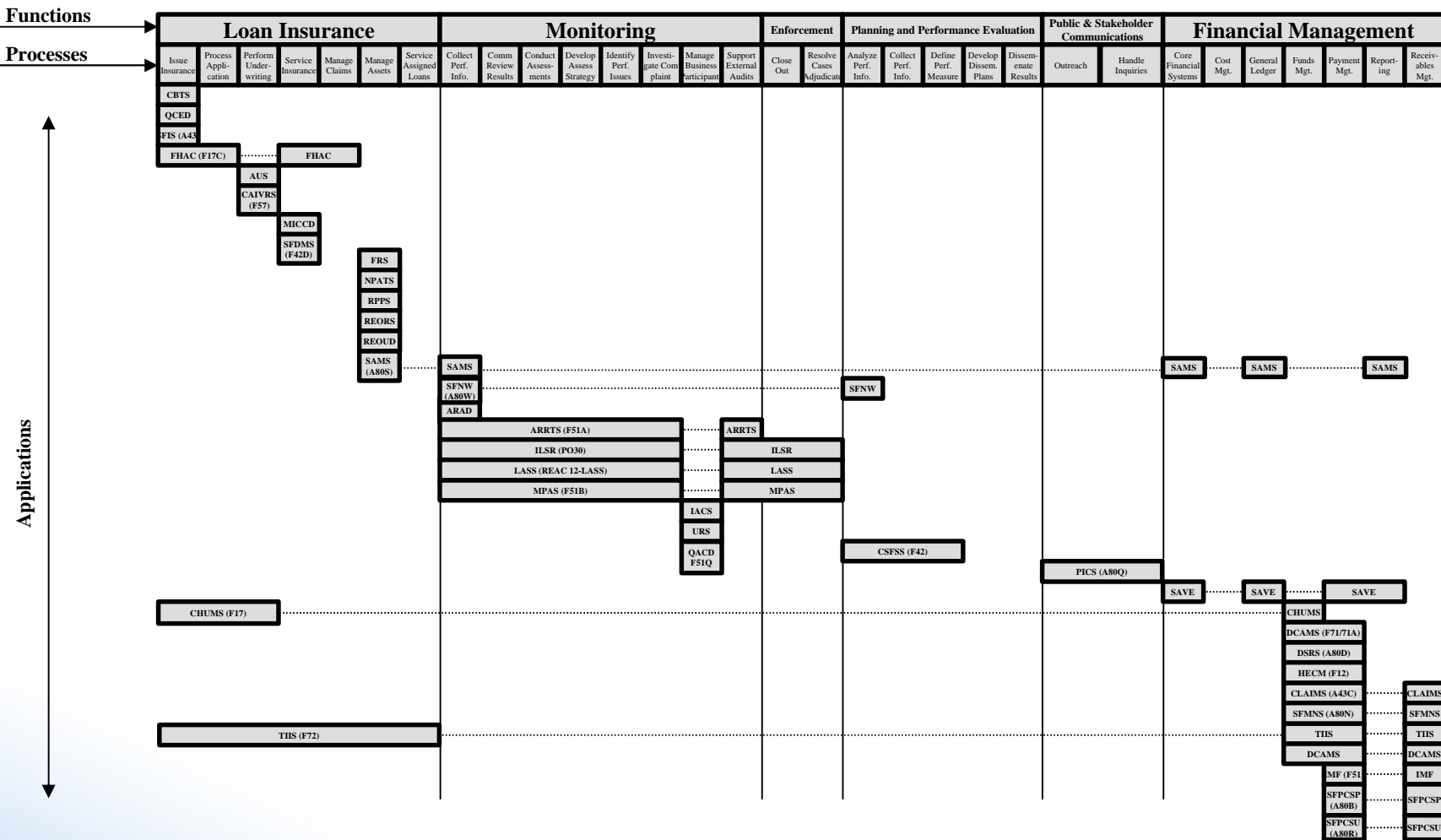
- Analyze Baseline Business Architecture
- Normalize Levels/taxonomy
- Hypothesis Development
- Business process Analysis/Reengineering
- Develop Future State Business Architecture

- Analyze baseline Data architecture
- Further define/refine Data Classes
- Determine depth of Data Architecture
- Perform Stakeholder/Data Analysis
- Perform Business/Data Analysis

- Identify Current Applications in Portfolio
- Perform Application to Activity/Data Analysis
- Analyze Application Mapping
- Identify Group Functions
- Define Future State Applications
- Map Future State Application to EA Context

- Define Value Criteria
- Prioritize Development activities
- Conduct process flow analysis (as required)
- Decompose data classes to the entity level (as required)

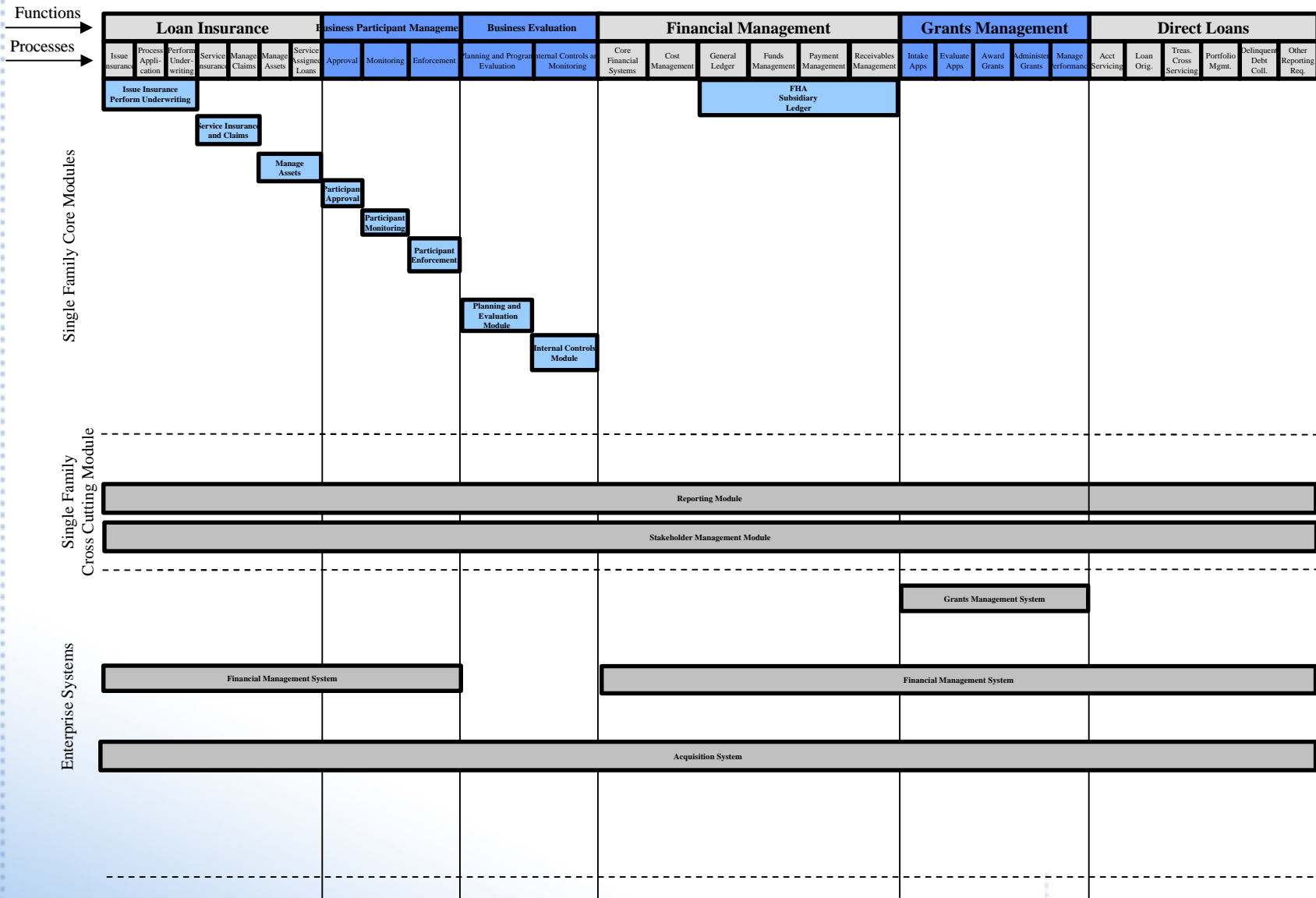
Current Business/Systems Environment



IT Investment Budget



	2002	2003	2004	TOTAL
Maintenance	\$20.1M	\$18.2M	\$19M	\$57.3M
Development	\$14.1M	\$21.3M	\$22.1M	\$57.5M

Target Business/Module Environment




Single Family Housing Blueprint

- ❑ Reduces the number of systems by nearly 80%
- ❑ Minimizes functional overlap
- ❑ Modernizes technology base
- ❑ Decreases the total cost of ownership

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9/13/03	QC/QC COORDINATORS	ETM		
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			AUTHOR: Single Family Housing (SEH) & QC/QC	
				

Next Steps: Single Family Housing (SFH)

- ❑ Establish program management team to oversee implementation of the SFH blueprint.
- ❑ Realign SFH IT initiatives to reflect the blueprint.
- ❑ Develop SFH transition Plan.

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5/11/00	QCIO CONSERVES	ETD		
			NEXT REVISION: TBD	HUD BLUEPRINTS BUILDING IT TOGETHER
			AUTHOR: Single Family Housing (SFH) & QCIO	
				

HUD's EA Practice

- ☐ **Fosters collaboration.**
- ☐ **Applies working documents.**
- ☐ **Enhances communication.**
- ☐ **Facilitates change.**